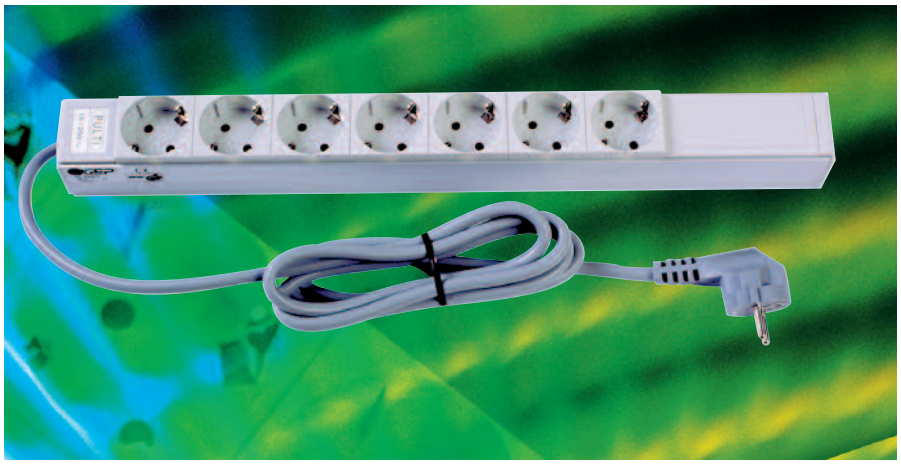
apraNET

19" and general accessories

591 • Industrial and shielded socket strips



Industrial and shielded socket strips

Perfection and design
- space-saving
- stable aluminium housing
- VDE approved
- suitable for 19" assembly in 1U division (L=440 mm) and/or cabinet frame assembly

Power cable: 3x 1.5 mm
Standard length: 2 m
230V; 50Hz

RR basic type

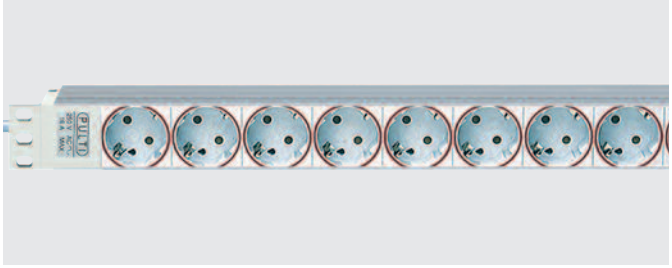
No. of sockets	Order no.
7	59-1400-00
12	*59-1412-00

*not 19"compatible

VI power switch , 2 poles with lamp

No. of sockets	Order no.
6	59-1401-00

UPS basic type



- earthed power socket marked "red"
- plastic components for coding of authorised connecting devices in the delivery

No. of sockets	Order nummber
9	59-1413-00

Transient protection

- protection against surge

No. of sockets	Order no.
7	59-1402-00

Transient protection and RF filter

- protection against surge and HF interference

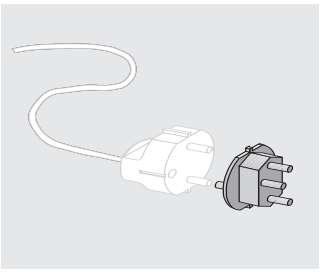
No. of sockets	Order no.
6	59-1403-00

Power switch and surge protection

- with power switch and surge protection

No. of sockets	Order no.
7	59-1404-00

Swiss plug earthed adapter



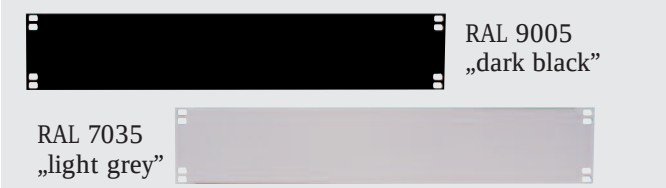
- connector pin side: Swiss
- jack side: earthed connector

Finish: black

Material: plastic

Order number
64-0230-00

19" blind cover panels

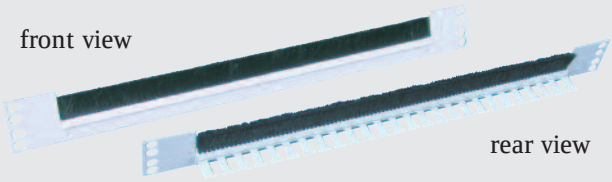


Finish:
RAL 7035 light grey
RAL 9005 dark black
Material: sheet metal

Dimensions (H x W x D):
1-4 U x 482,6 x 10 mm
Delivery: complete with mounting hardware

U	Finish RAL 7035	Finish RAL 9005
1	21-3156-00	21-3156-10
2	21-3158-00	21-3158-10
3	21-3159-00	21-3159-10
4	21-3160-00	21-3160-10

19" cable duct 1U with brush and strain-relief comb



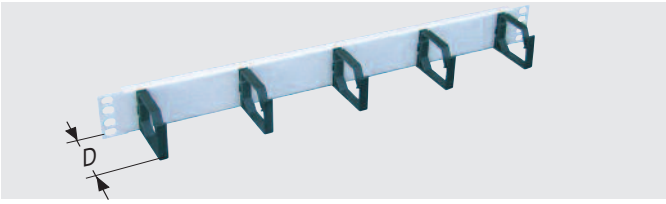
- for cable duct
- with brush and strain-relief

Finish:
RAL 7035 light grey
RAL 9005 dark black

Material:
sheet metal/plastic
Dimensions (H x W x D):
44 x 482,6 x 27 mm
Delivery:
complete with brushes and mounting hardware

U	Finish RAL 7035	Finish RAL 9005
1	21-3146-00	21-3146-10

19" cable routing panel with plastic clamps



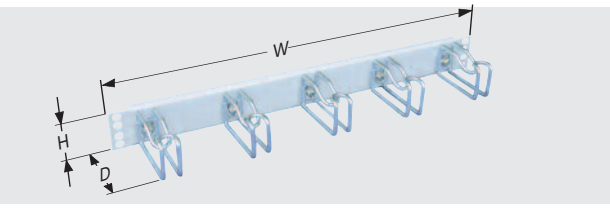
- for clearly arranged horizontal cable routing in the 19" level

Finish:
RAL 7035 light grey
RAL 9005 dark black

Material:
sheet metal/plastic
Dimensions (H x W x D):
44 x 482,6 x 60 mm
Delivery:
complete with mounting hardware

U	Finish RAL 7035	Finish RAL 9005
1	21-3145-00	21-3145-30

19" cable routing panel with metal clamps



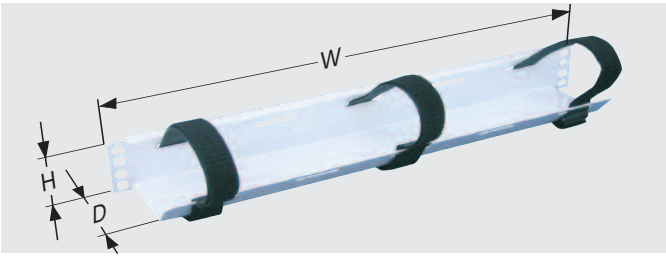
- for clearly arranged horizontal cable routing in the 19" level

Finish: chromed
RAL 7035 light grey
RAL 9005 dark black

Material: sheet metal/metal
Dimensions (H x W x D):
1 U-Version: 44 x 482,6 x 90 mm
2 U-Version: 88 x 482,6 x 130 mm
Delivery:
complete with mounting hardware

U	Finish RAL 7035	Finish RAL 9005
1	21-3145-05	21-3145-35
2	21-3145-10	21-3145-40

19" cable routing panel with velcro



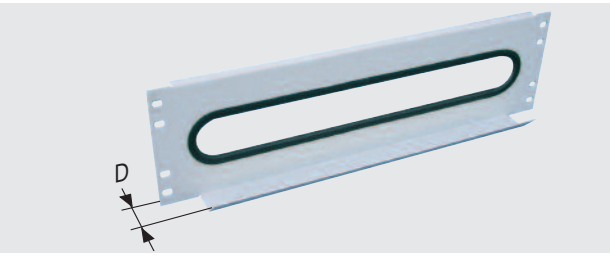
- for clearly arranged horizontal cable routing in the 19" level with velcro

Finish:
RAL 7035 light grey
RAL 9005 dark black

Material:
sheet metal/plastic
Dimensions (H x W x D):
44 x 482,6 x 90 mm
Delivery:
complete including triple Velcro and installation material

U	Finish RAL 7035	Finish RAL 9005
1	21-3161-00	21-3161-10

19" cable duct 3U



- for cable duct

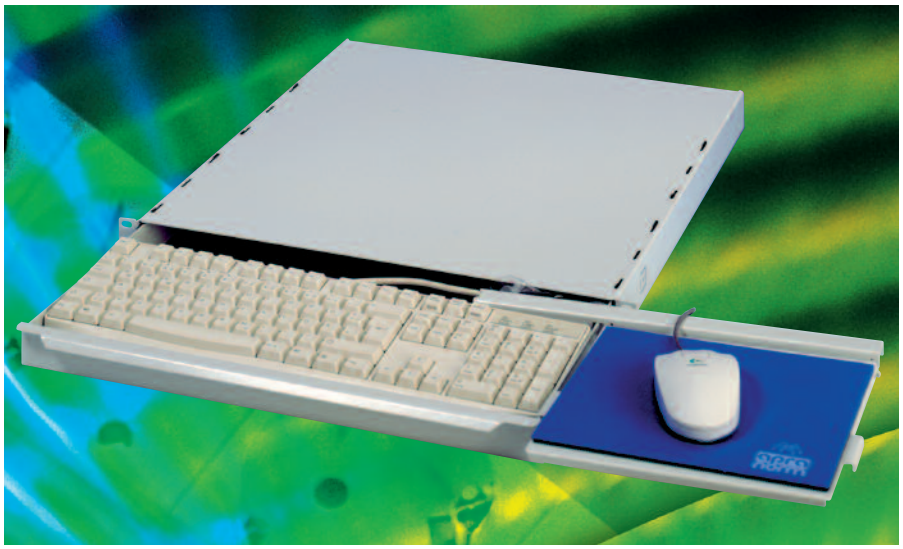
Finish:
RAL 7035 light grey
RAL 9005 dark black

Material: sheet metal

Dimensions (H x W x D):
132 x 482,6 x 55 mm
Delivery:
complete with mounting hardware

U	Finish RAL 7035	Finish RAL 9005
3	21-3155-00	21-3155-10

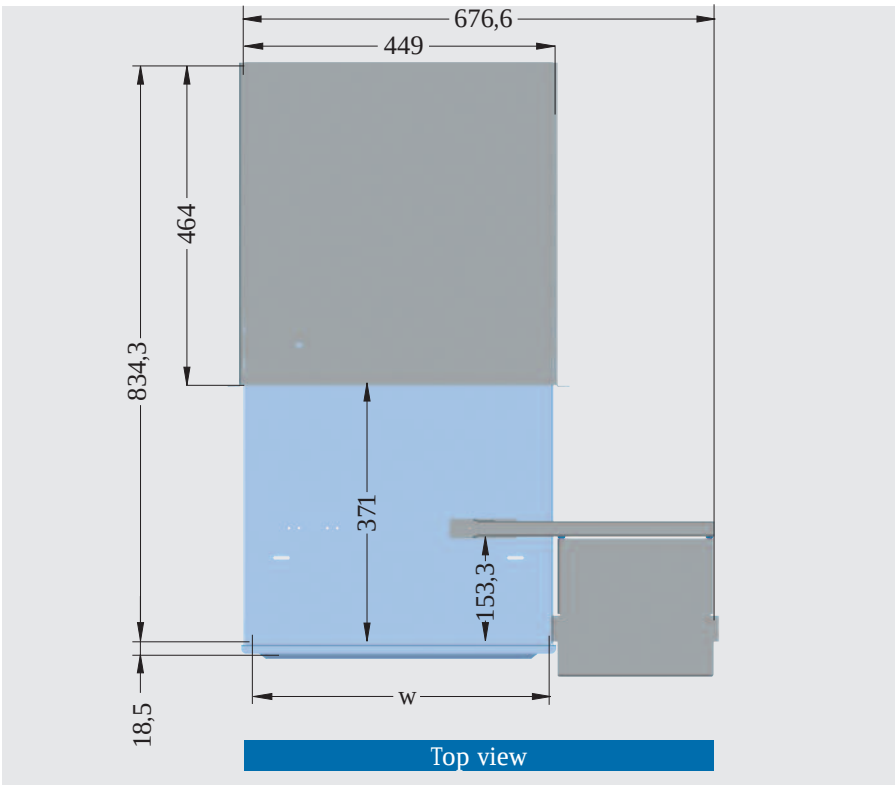
202 • 19"-keyboard plug - in unit 1U



19" keyboard plug - in unit 1U

- low total height
- extractable
- with integrated, fold-down mousepad
- mousepad can be added left or right
- keyboards up to a width of 433mm and height of 36mm can be used

Technical information



Top view

Application:
For use as input console in 19" cabinets or user desks

Finish:
RAL 7035 light grey

Material:
sheet metal

Delivery:
mounted

Order information

Description	Order number
Plug - in unit without keyboard	20-2870-50
Plug - in unit with keyboard German, type QWERTZ	20-2870-00
Plug - in unit with keyboard French, type AZERTY	20-2870-20

Description	Order number
Keyboard German, type QWERTZ	20-2870-09
Keyboard French, type AZERTY	20-2870-12
Keyboard English, type QWERTY	20-2870-14

Delivery:

- 1 Chassis
- 1 plug - in unit
- 1 mouse rest
- 1 mouse pad
- mounting hardware
- 1 keyboard

Notes:

- Mouse is not included within delivery. Maximum height of keyboard /mouse is 36mm.
- Integration on slide rails is recommended.
- Please refer to page 8.6 for keyboard plug - in unit for mounting on the underside of the table

Keyboard plug - in unit 2U

- available keyboards may be integrated in 19" rack even if they are not 19" compatible.
- keyboard plug - in unit with fold-down front panel to accept all standard keyboards (function keyboards)
- the extractable mouse rest is sufficiently large and may be mounted at the front or either on the left or the right side.
- attachment at front and rear 19" levels, whereby the distance front/rear level can be tailored as required from 445mm to 845mm

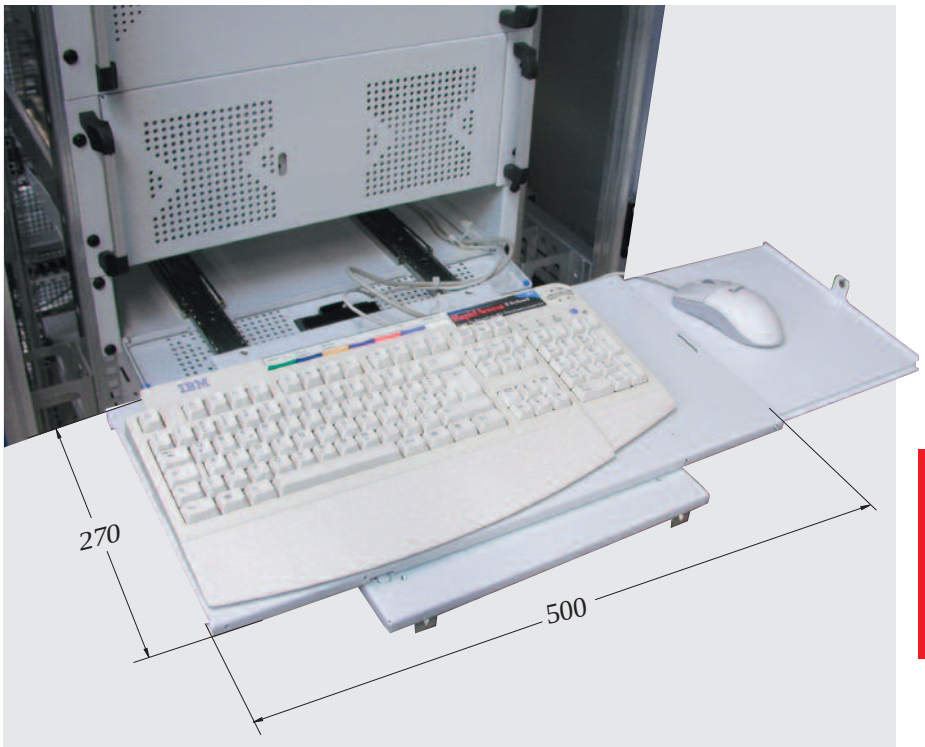
Technical information

Finish:
RAL 7035 light grey

Material:
sheet metal powder coated

Dimensions (H x W x D):
2 U (88 mm) x 19” (483 mm) x 550 mm

Delivery:
complete with mounting hardware



Order information

Order number
20-2868-00

269 • 19"-ventilation unit 1U

19" ventilation unit 1U

- fitted with 3 high-grade **PAPST**-fans
- compact dimensions
- integration depth only 195 mm
- cooling unit connector

Application:
for ventilation of 19" cabinets and 19" housings when space is limited

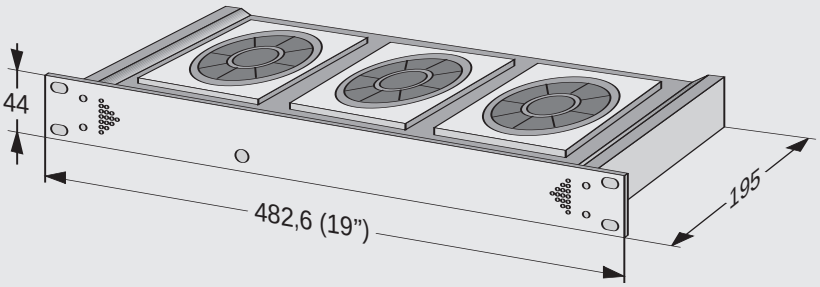
Finish: front RAL 7035

Fan properties:
- dimensions:
  119 mm x 119 mm x 25 mm
- flow rate: 360 (3 x 120 m³/h)
- noise level: 40 dB(A)
- voltage: 230 V

Delivery: mounted

Delivery:
- 1 ventilation unit complete
- 1 set of 4 screws for 19" assembly

Technical information

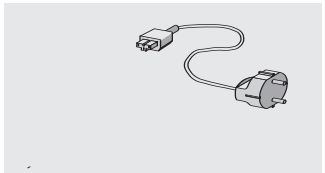


Order information

Description	Order number
19"ventilation unit 1U	26-9210-50

Accessories

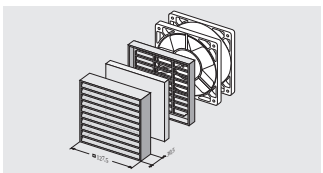
Mains cable



- with earthed connector and cooling unit plug

Length of cable	Order no.
1,5 m	230-202

Air outlet filter

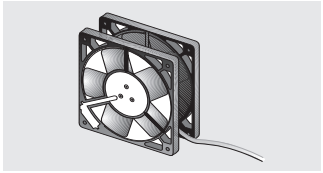


- for custom self-assembly on standard cabinet or enclosure
- discharge filters are usually combined with in-built fans in the upper part of the cabinet

Delivery:
1 discharge filter complete with filter mat, without mounting hardware

Order number
230-800

230V fan

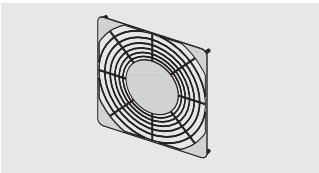


- integration ready
- complete with mounting hardware

Connecting cable L = approx. 300mm
Voltage: 230 V
Noise level: 41 dB(A)
Fan flow rate: 160 m3/h

Order number
230-804

Protective grid



appropriate for fan 230 V

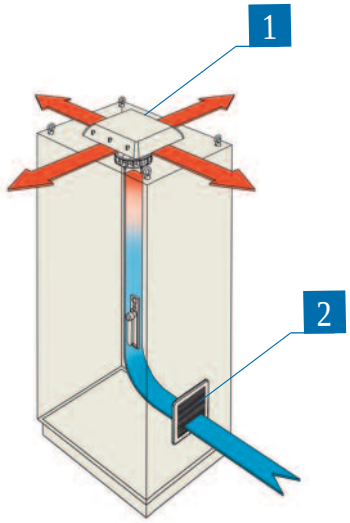
Description	Order no.
clip-on on type	230-819
screw-on type	230-818

1 Built-in fan

- for large-volume ventilation of enclosures/cabinets
- compact dimensions
- height approx. 70 mm
- simple assembly
- connection via terminal block

Order information

Order number
23-0855-00



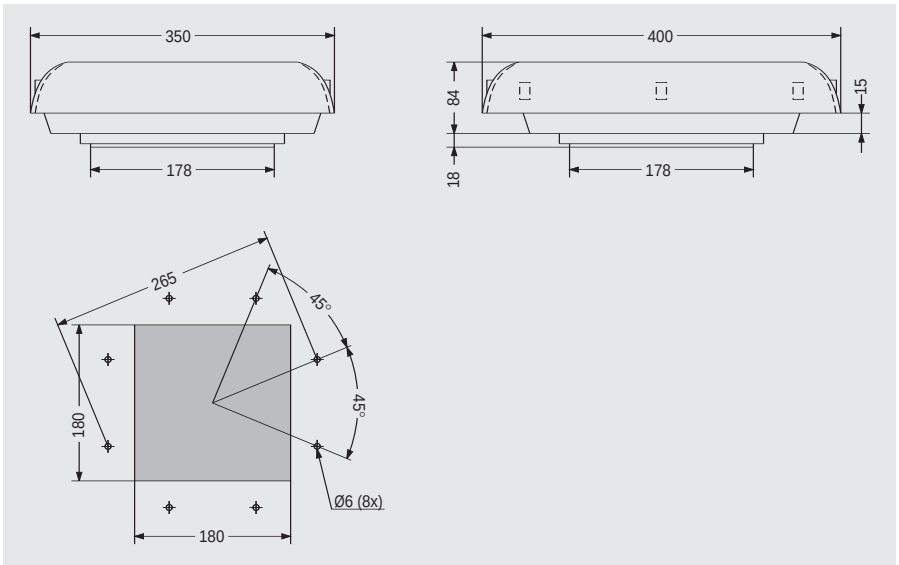
Technical information

Description	ME	DLK22BXOA
Air flow rate	m³/h	1050/1085
Supply voltage	V ~ Hz	230 ~ 50 - 60
Dimensions (H x W x D)	mm	102 x 400 x 350
Power rating	W	120/155
Nominal input	A	0,52/0,65
Winding protection		internal to the motor
Electrical connection	-	Terminal block
Operating time	-	100 %
Application area	°C	-10 to +70
Protection class acc. to EN 60529	-	IP 44
Noise level	dB(A)	56
Air flow rate with filter	m³/h	900/915
Direction	-	from the outside to inside

2 Filter unit

- for supplementing ventilation unit mentioned above
- for cleaning intake air

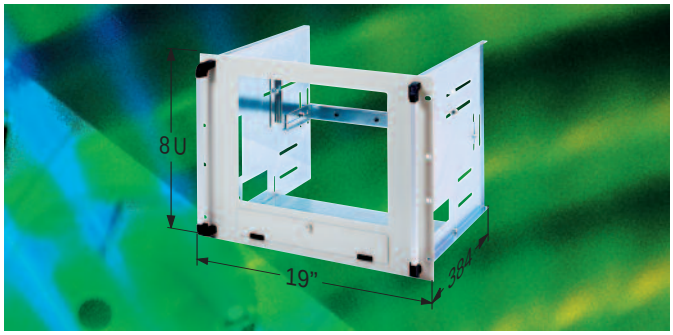
Technical information



Order information

Order number
23-0855-10

19"-monitor plug - in unit 8U



- for quick and easy integration of 14" and 15" monitors
- non-slip mounting of the monitor
- front 5 mm thick protective glass
- 19" dimensions acc. to IEC 297-1
- max. monitor dimensions: WxHxD = 398 mm x 319 mm x 429 mm
- accommodation via slide rails (see page 11.13) recommended

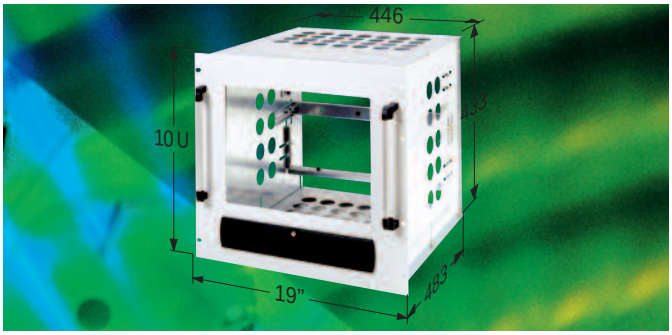
Finish:
front:
RAL 7035 light grey

Material:
front panel: 3mm aluminium
chassis: sheet metal, zinc coated

Delivery:
kit form with mounting hardware

Order number
20-2205-12

19"-monitor plug - in unit 10U



- designed to accommodate 17" monitors
- front 4 mm thick protective glass
- 19" dimensions acc. to IEC 297-1
- max. monitor dimensions: WxHxD = 420 mm x 418 mm x 480 mm
- accommodation via slide rails (see page 11.13) recommended

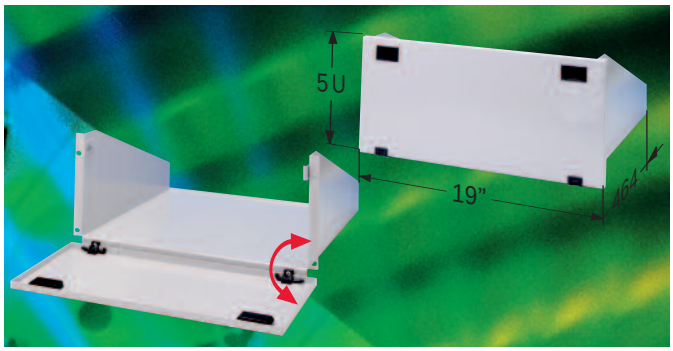
Finish:
front:
RAL 7035 light grey

Material:
front panel: 3 mm aluminium
chassis: sheet metal, zinc coated
control panel: plastic

Delivery:
kit form with mounting hardware

Order number
20-2204-00

19"-shelf with hinged front panel



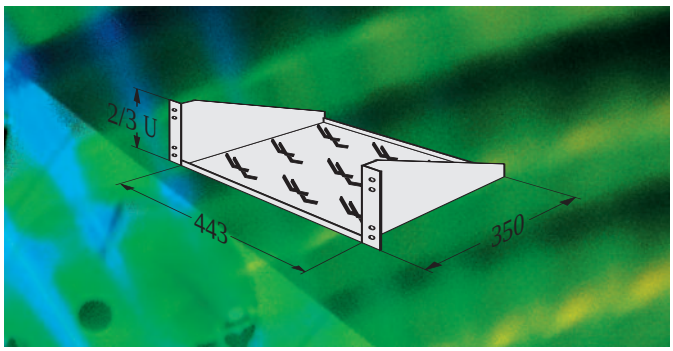
In contrast to other traditional shelves, this 5U shelf has a hinged front panel, which not only protects the components on it but also serves as a facing cover near the front panel. "Holes" at cabinet´s front belong to the past.

- 5U shelf
- with practical latches
- ventilated bottom panel
- flap opening up to 90°
- with strain-relief for cabling
- load capacity: ca. 30 kg

Finish:
RAL 7035 light grey
Material: sheet metal
Storage space:
444 mm x 450 mm
Delivery:
complete with mounting hardware

Dimensions (W x H x D) mm	Size U	Order number
482,6 x 221,5 x 464	5	20-2830-00

19“-shelf 2/3 U



- simple assembly into 19"-system (only one 19" level required)
- ventilated
- including mounting hardware
- load capacity: ca. 15 kg

Finish:
RAL 7035 light grey
RAL 9005 dark black

Material: sheet metal

Dimensions (H x W x D):
88/132 mm x 482,6 x 350 mm

Storage space (w x d):
443 mm x 350 mm

Delivery:
complete with mounting hardware

Size U	Finish RAL 7035	Finish RAL 9005
2	31-5810-20	31-5810-25
3	31-5810-00	31-5810-35

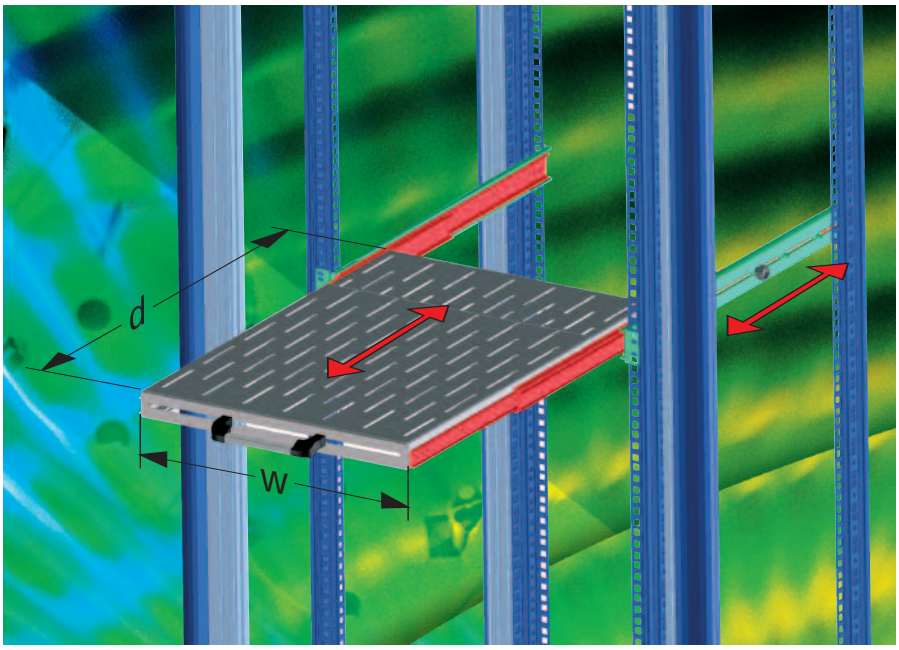
19"-shelf "extractable"

- assembly in 19" cabinets with two 19" levels (variable cabinet depth 650/800/1000 mm)
- storage space: w = 400 mm
  d = 460-750 mm
- load capacity: 50 kg

Finish:
shelf: RAL 7035
assembly rails: galvanized

Material: sheet metal

Dimensions (H x W x D):
1 U (44 mm) x 19" (483 mm) x 480 mm

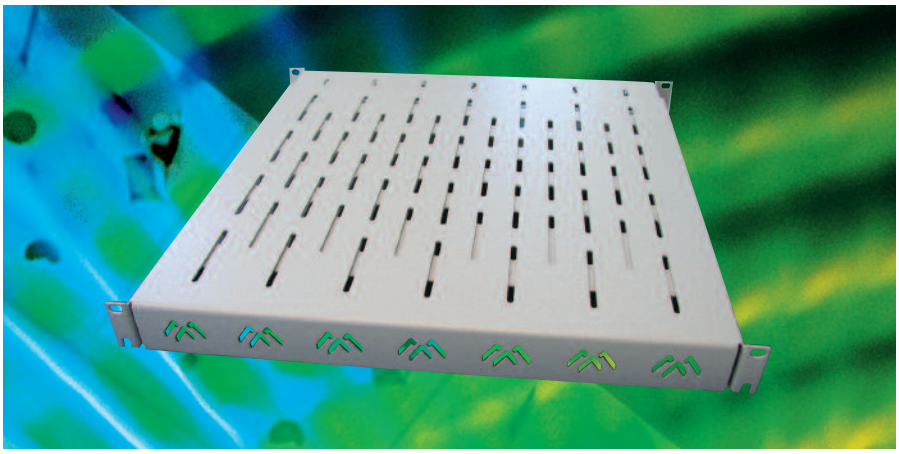


Order information

Order number
31-6037-00

19" shelf 1 U - VARIplain "variable depth"

- designed as 19" component for integration in LAN or server cabinets
- telescopic from 455 - 780mm (see diagram)
- simple one-man assembly via open slotted hole in the 19" front (hook in)
- load capacity: up to 80 kg (area load)



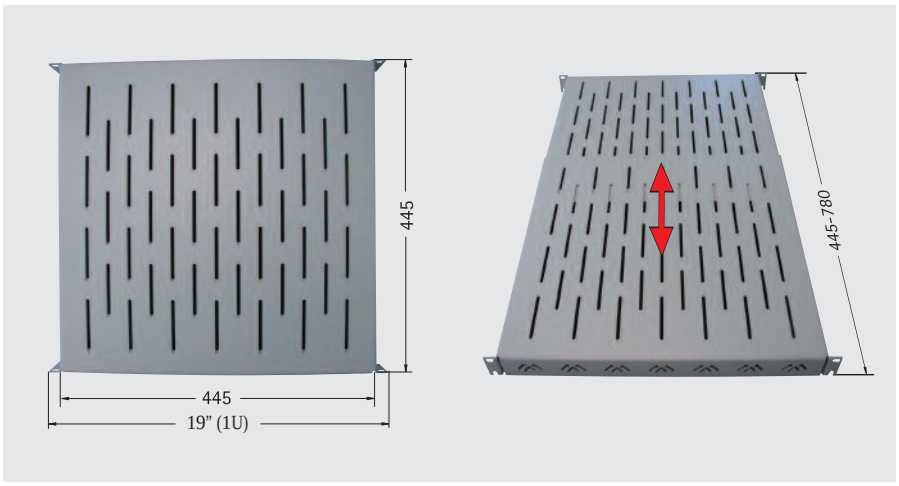
Finish:
RAL 7035 light grey
RAL 9005 dark black

Material:
sheet metal

Dimensions (H x W x D):
1 U (44)x 19" (483 mm) x 445 mm

Storage space (w x d):
440 mm x 445 mm - 780 mm

Delivery:
complete with mounting hardware

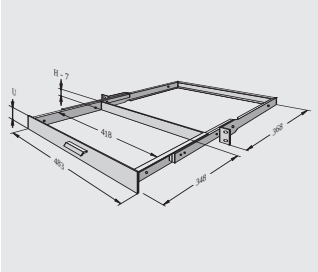


Order information

U	Finish RAL 7035	Finish RAL 9005
1	31-6036-99	31-6036-69

Accessoires

19"-drawer 1U/ 2U/3U



- extractable
- optionally available with lock

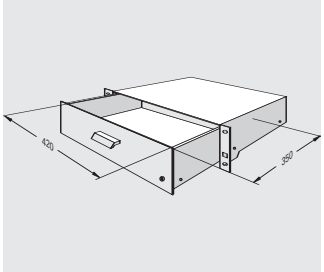
Finish:
RAL 7035 light grey

Material:
front panel: aluminium
chassis: sheet metal

Delivery:
with mounting hardware

Size (U)	Order no. without lock	Order no. with lock
1	202-219	202-220
2	202-235	202-236
3	202-237	202-238

19"-document plug - in unit 3U



- extractable
- with lock

Finish:
RAL 7035 light grey

Material:
front panel: aluminium
chassis: sheet metal

Delivery:
with mounting hardware

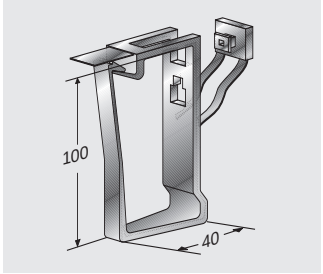
Order number
202-232

Velcro

Velcro is used for quick fixing those components which are not 19" compatible

Order number
67-1122-04

Cable clamp, plastic



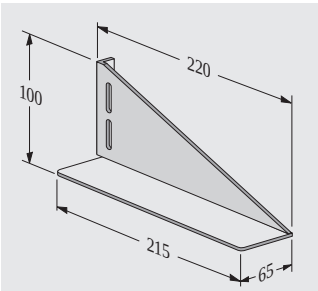
- for attaching to the side of the 19" frame(with 800mm wide cabinets)
- for vertical switching of cabling

Delivery:
cable clamps including fixing material

Material: plastic

Order number
64-0035-00

Slide rails for 19"-vertical mountings, hook-in



load capacity up to 12 kg

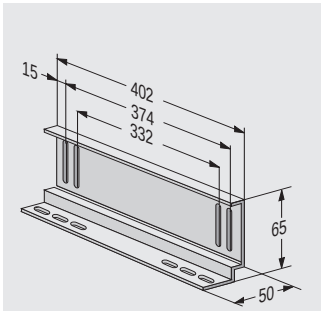
Slide rails when using just one 19"-level and plug-in unit up to max. 12 kg.
Delivered in pairs.

Load capacity: 30 kg

Material:
sheet metal, 2 mm, zinc coated

Order number
315-260

Slide rails for 19"-vertical mountings, screwable



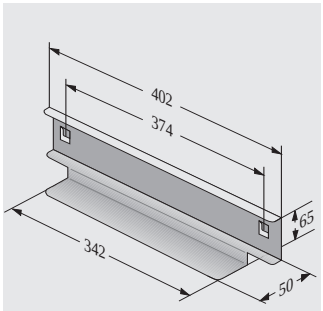
Slide rails are screwed onto the 19"-vertical mountings to support heavy 19"-plug-in units. Two 19"-levels are required for mounting.
Delivered in pairs.

Load capacity: 50 kg

Material:
sheet metal 2 mm, zinc coated

Order number
312-544

Slide rails for 19"-vertical mountings, hook-in



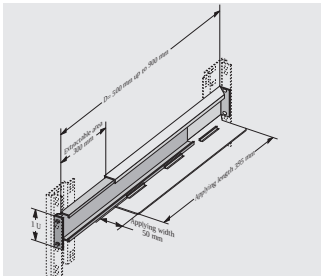
Slide rails are hooked into the 19"-vertical mountings to support heavy 19"-plug-in units. Two 19"-levels are required for mounting.
Delivered in pairs.

Load capacity: 50 kg

Material:
sheet metal 1,5mm, zinc coated

Order number
31-6544-00

Depth variable slide rails 19"-universal



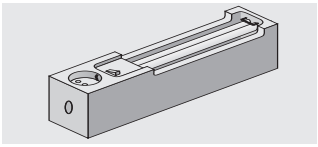
The new depth variable slide rails can be universally used with cabinet depths from 600mm to 900mm because its telescopic design allows a 300mm extraction/adjustment

Delivery:
1 pair of slide rails including mounting hardwares

Load capacity: 50 kg
Material: sheet metal 1,5 mm
Finish: zinc coated

Order number
31-5258-00

Cabinet lamp 230 V

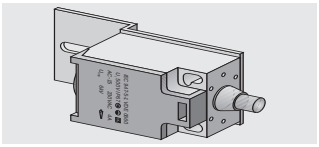


- interference suppression acc. to VDE 0712 ICE 82
- 230 V / 50 Hz, 11 W (as 75W light bulb)
- magnetic attachment, custom positioning within the cabinet

Delivery: lamp with switch and power socket, without mains cable

Order number
640-143

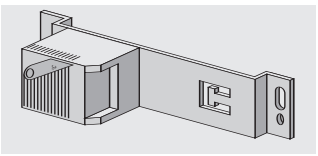
Door contact switch



Delivery:
door contact switch complete with mounting hardware

Order number
64-0071-00

Temperature regulator 230 V

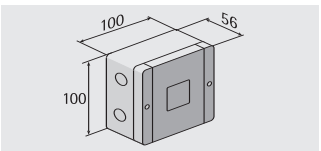


- with attachment brackets and integrated strain-relief
- control range 0 - 60 °C

Delivery:
complete with mounting hardware

Order number
315-804

Terminal box

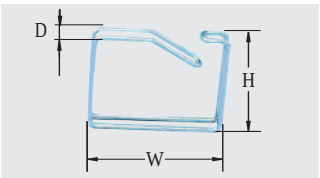


- cable distribution box
- as fixed transit station from building electronics to cabinet electronics

Material: plastic
Delivery:
complete with mounting hardware

Order number
640-059

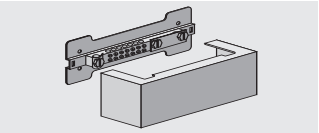
Cable routing clamp



- cable clamp for custom assembly

Dimensions H x W x D	Order number
47 x 85 x 23	64-0036-20
65 x 125 x 23	64-0036-30
95 x 125 x 23	64-0036-40

Tension balancing bar

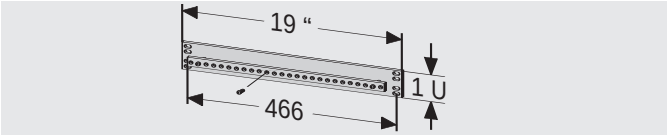


- covered

Delivery:
1 tension balancing set
2 oval head screws M 5 x 12
2 2 caged-nuts M 5

Order number
64-0200-01

Potential/earthing bar



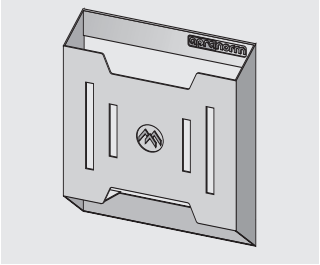
- for 19" assembly and to cabinet frame
- connection options: 27 x M5
- rail cross section 50 mm²

Delivery:
complete with mounting hardware

Finish:
copper/sheet metal galvanized

Order number
64-0028-00

Document pocket

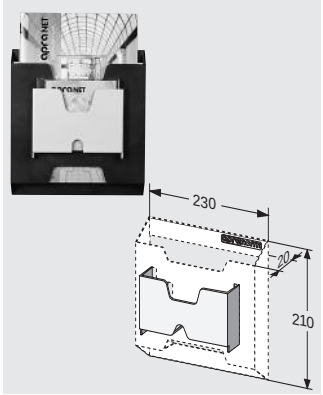


- self adhesive
- heat resistant up to 60° C
- loadable up to 3 kg
- attachment of company logo if required

Dimensions (W x D x H):
235 x 260 x 27 mm
Material: Polystyrene
Colour: black

Order number
640-100

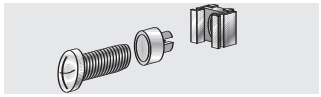
CD/diskette holder for document pocket



The CD/diskette holder may be hinged into the document pocket.
Material: aluminium
Colour: RAL 7035 light grey

Order number
64-0100-10

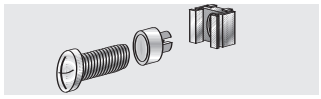
Set of 50 M6 screws



Delivery:
- 50 oval head screws M 6 x 16
- 50 caged nuts M 6 - 8
- 50 decorative washers M 6 with collar

Order number
630-994

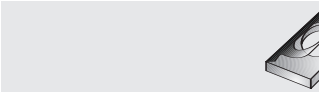
Set of 50 M5 screws



Delivery:
- 50 oval head screws M 5 x 12
- 50 caged-nuts M 5 - 8
- 50 decorative washers M 5 with collar

Order number
630-991

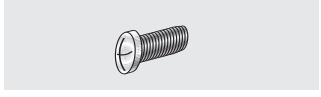
Captive nut M5



- for insertion in profile grooves in the VARIrack 316 cabinet system

Order number (1 p.)
630-015

Oval head screw M5 x 8



Delivery:
- 100 oval head screws

Order number
630-056

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apra-norm

· 19"-electronic enclosures
· 19"-cabinet systems
· Subracks, bench and small enclosures
· Individual designs

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· Display enclosures
· Custom solutions

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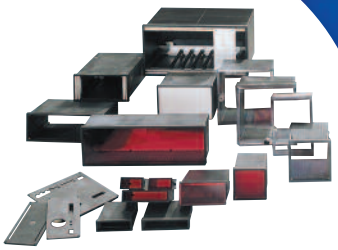

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· Individual plastic enclosures
· In milled, bended, casting and moulded plastic

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